

ABSTRACT

The invention relates to the routing of data packets comprising a target address in a packet switching data network. According to the invention, a first and second transmission path are assigned respective traffic distribution weightings in a routing table for individual target addresses that is assigned to a network node, said weightings indicating the respective allocated traffic load per transmission path. The maximum traffic distribution weighting is assigned to the respective first transmission path and the minimum traffic distribution weighting is assigned to the second transmission path. During undisturbed operation, data packets are routed via the first transmission path and if said path is interrupted, the packets are routed via the second transmission path.